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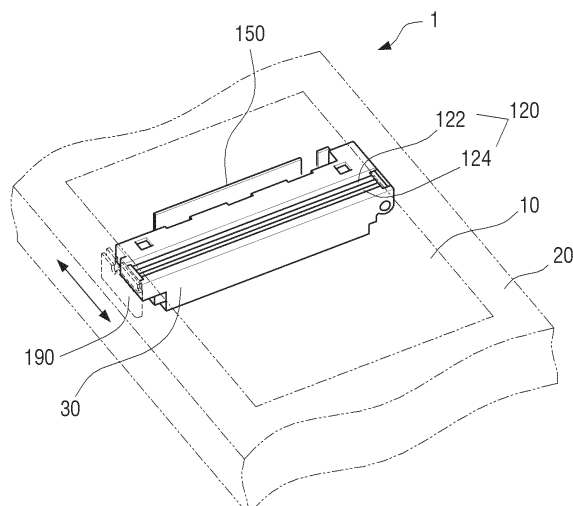
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(54) **Image scanning apparatus and control method thereof**

(57) An image scanning apparatus and method are provided. The image scanning apparatus scans an image of a document and converts the scanned image into digital data, and includes light sources that emit light. The apparatus includes a light guide unit that diffuses the light emitted by the light sources and a sensor unit that senses

image data from the document by recognizing light reflected from the document by being diffused by the light guide unit. The apparatus includes a control unit that controls the turning on of the light sources. The control unit alternately turns on or off the light sources such that at least one of the light sources is turned on when at least one other light source is turned off.

FIG. 1





EUROPEAN SEARCH REPORT

Application Number
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Y	* abstract * * figures 2,3,4,5,6A,6B,8,12,24,35,36,37 * * paragraphs [0076], [0077], [0078] * * paragraphs [0082], [0083], [0088] *	4-9	
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			TECHNICAL FIELDS SEARCHED (IPC)
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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 22 May 2013	Examiner Brans, Tim
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 12 18 6118

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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